AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method comprising:

launching a diagnostic agent process at ~~natively included in firmware of~~ a host processing system upon boot-up of the host processing system;

receiving data from a diagnostic server at the host processing system via a data network to provide one or more diagnostic procedures for the diagnostic agent process, wherein the diagnostic server is a centralized repository for the diagnostic procedures ~~from a remote processing system via a data network coupled to the host processing system~~;

upon receipt of the one or more diagnostic procedures, automatically executing the one or more diagnostic procedures on the host processing system using a firmware interface to provide one or more diagnostic results;

receiving updated diagnostic procedures from the diagnostic server to maintain synchronization of the diagnostic agent process with current diagnostic procedures; and

transmitting the one or more diagnostic results to the diagnostic server~~remote processing system~~.

2. (Original) The method of claim 1, the method further comprising:

formatting the diagnostic results for transmission to a destination; and

transmitting the formatted diagnostic results to the destination through the data network.

3. (Previously Presented) The method of claim 2, the method further comprising formatting the diagnostic results according to an extensible markup language (XML).

4. (Previously Presented) The method of claim 1, the method further comprising transmitting a message requesting the one or more diagnostic procedures through the data network in response to launching the diagnostic agent process on the host processing system.

5. (Previously Presented) The method of claim 1, the method further comprising transmitting a request for the data to provide one or more diagnostic procedures to a diagnostic procedure source through the data network in response to launching the diagnostic agent process.

6. (Previously Presented) The method of claim 1, the method further comprising:

transmitting an identifying code to a diagnostic source through the data network, the identifying code being associated with the diagnostic agent process; and

selecting the data to provide one or more diagnostic procedures at the diagnostic agent process based upon the identifying code; and transmitting the selected data to the diagnostic agent process through the data network.

7. (Currently Amended) An article comprising:

a storage medium comprising machine-readable instructions stored thereon for:

launching a diagnostic agent process at ~~natively included in firmware of~~ a host processing system upon boot-up of the host processing system;

receiving data from a diagnostic server at the host processing system via a data network to provide one or more diagnostic procedures for the diagnostic

agent process, wherein the diagnostic server is a centralized repository for the diagnostic proceduresfrom a remote processing system via a data network coupled to the host processing system;

upon receipt of the one or more diagnostic procedures, automatically executing the one or more of diagnostic procedures on the host processing system using a firmware interface to provide one or more diagnostic results;

receiving updated diagnostic procedures from the diagnostic server to maintain synchronization of the diagnostic agent process with current diagnostic procedures; and

transmitting the one or more diagnostic results to the diagnostic serverremote processing system.

8. (Original) The article of claim 7, wherein the storage medium further comprises machine-readable instructions stored thereon for: formatting the diagnostic results for transmission to a destination; and transmitting the formatted diagnostic results to the destination through the data network.

9. (Previously Presented) The article of claim 8, wherein the storage medium further comprises machine-readable instructions stored thereon for formatting the diagnostic results according to an extensible markup language (XML).

10. (Previously Presented) The article of claim 7, wherein the storage medium further comprises machine-readable instructions stored thereon for transmitting a message requesting the data to provide one or more diagnostic procedures through the data network in response to launching the diagnostic agent process on the host processing system.

11. (Previously Presented) The article of claim 7, wherein the storage medium further comprises machine-readable instructions stored thereon for launching a second diagnostic agent process to the processing system, the second diagnostic agent process comprising logic to transmit a request for the data to provide one or more diagnostic procedures to a diagnostic procedure source through the data network and logic to initiate execution of diagnostic procedures.

12-18. (Canceled)

19. (Currently Amended) A system comprising:

a wireless network;

a diagnostic ~~source~~ server coupled to the wireless network the diagnostic server to update diagnostic procedures, and to transmit updated diagnostic procedures to a diagnostic agent process on a host processing system to maintain synchronization of the diagnostic agent process with current diagnostic procedures, wherein the diagnostic server is a centralized repository for the diagnostic procedures; and

~~a~~ the host processing system comprising:

logic to launch ~~a~~ the diagnostic agent process on ~~natively included in firmware of~~ the host processing system upon boot-up of the host processing system;

logic to receive data to provide one or more diagnostic procedures for the diagnostic agent process from the diagnostic ~~source~~ server via the wireless network;

logic to upon receipt of the one or more diagnostic procedures, automatically execute the one or more diagnostic procedures using a firmware interface to provide one or more diagnostic results; and

logic to transmit the one or more diagnostic results to the diagnostic ~~source~~server.

20. (Previously Presented) The system of claim 19, wherein the processing system further comprises: logic to format the diagnostic results for transmission to a destination; and logic to transmit the formatted diagnostic results to the destination through the wireless network.

21. (Original) The system of claim 20, wherein the processing system further comprises logic to format the diagnostic results according to an extensible markup language.

22. (Currently Amended) The system of claim 19, wherein the processing system further comprises logic to transmit a message to the diagnostic ~~source~~ server through the wireless network in response to a launch of the diagnostic agent process, the message requesting the data to provide the one or more diagnostic procedures.

23. (Currently Amended) The system of claim 19, wherein the processing system further comprises logic to transmit a request for the data to provide the one or more diagnostic procedures to the diagnostic ~~source~~ server through the wireless network in response to a launch of the diagnostic agent process.

24. (Currently Amended) The system of claim 23, wherein the processing system further comprises logic to transmit an identifying code to the diagnostic ~~source~~ server through the wireless network, the identifying code being associated with the diagnostic agent process, and wherein the diagnostic ~~source~~ server further comprises logic to select the data to provide one or more diagnostic procedures based upon the identifying code; and logic to transmit the selected data to the diagnostic agent process through the wireless network.

25-34. (Canceled)

35. (New) The method of claim 1, wherein the diagnostic agent process is launched natively at firmware included in the host processing system.

36. (New) The article of claim 7, wherein the diagnostic agent process is launched natively at firmware included in the host processing system.

37. (New) The system of claim 19, wherein the diagnostic agent process is launched natively at firmware included in the host processing system.